



## AAROGREEN™ ARPS100 Series

## TECHNICAL DATA SHEET

ARPS100-1-NOL-N General Purpose Polystyrene Natural

### REGULATORY

- FDA - No Objection Letter (NOL)
- CONEG - Compliant
- RoHS - Compliant
- Proposition 65 - No Warning Required

Typical Properties	Test Method	Units	Typical Value
<b>Physical</b>			
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	1.05
Mold Shrinkage	ASTM D955	in/in	0.006
<b>Mechanical</b>			
Flexural Modulus	ASTM D790	psi	410,000
Tensile Strength @ Yield	ASTM D638	psi	6,400
Izod Impact @ 73°F (Notched)	ASTM D256	ft-lb/in	0.5
<b>Thermal</b>			
Melt Flow Rate	ASTM D1238 (200°C/5.0 kg)	g/10 min	5.0
Deflection Temperature	ASTM D648 (@ 264 psi)	°F	190

**DESCRIPTION:** A reprocessed general purpose polystyrene resin featuring good flow characteristics for all molding applications. Features 100% PIR recycled content and confirmed FDA compliance with a No Objection Letter (NOL) for food-contact articles.

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